

Annexure 1: Technical Specification of Fabric (Suiting and Shirting)

A. Shirting Fabric

- 1. Yarn:**
 - a. Warp Yarn : 2/40^SNe. PV yarn (65:35)
 - b. Weft Yarn : 1/40^SNe. PV yarn (65:35)
- 2. Threads/inch:**
 - a. Warp/inch, EPI : 60
 - b. Weft/inch, PPI : 52
- 3. Dimension of fabric**
 - a. Width : 44inch Finished
 - b. Border Width : 1 inch (0.5" + 0.5")
- 4. GSM** : 140

$$\text{Weight of Warp} = \frac{01 \times 43 \times 60 \times 106 \times 105 \times 1.0936 \times 453.6}{840 \times 20 \times 100 \times 100} = 84.79\text{gm}$$

$$\text{Weight of Weft} = \frac{01 \times 46 \times 52 \times 106 \times 103 \times 1.0936 \times 453.6}{840 \times 40 \times 100 \times 100} = 38.56\text{gm}$$

$$\text{Weight of Border} = \frac{01 \times 01 \times 60 \times 106 \times 105 \times 1.0936 \times 453.6}{840 \times 20 \times 100 \times 100} = 1.97\text{gm}$$

B. Suiting Fabric

- 1. Yarn:**
 - c. Warp Yarn : 2/30^SNe. PV yarn (70:30)
 - d. Weft Yarn : 2/30^SNe. PV yarn (70:30)
- 2. Threads/inch:**
 - a. Warp/inch, EPI : 60
 - b. Weft/inch, PPI : 56
- 3. Dimension of fabric**
 - a. Width : 56 inch Finished
 - b. Border Width : 1 inch (0.5" + 0.5")
- 4. GSM** : 230

$$\text{Weight of Warp} = \frac{01 \times 55 \times 60 \times 106 \times 105 \times 1.0936 \times 453.6}{840 \times 20 \times 100 \times 100} = 144.60\text{gm}$$

$$\text{Weight of Weft} = \frac{01 \times 59 \times 56 \times 106 \times 103 \times 1.0936 \times 453.6}{840 \times 15 \times 100 \times 100} = 142.02 \text{ gm}$$

$$\text{Weight of Border} = \frac{01 \times 01 \times 60 \times 106 \times 105 \times 1.0936 \times 453.6}{840 \times 20 \times 100 \times 100} = 2.62 \text{ gm}$$